

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Bob Reynolds <breynold@sigg.com>  
Subject: 10B SOLD  
Message-ID: <97Mar4.100108cst.19650@firewall.sigg.com>

It's sold - thanks all

73, red K5VOL

breynold@sigg.com

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: owens@stout.atd.ucar.edu (Chip Owens)  
Subject: 254 Triode  
Message-ID: <199703041549.IAA20965@atd.atd.ucar.EDU>

Greetings,

A company called Vacuum Tube Products produced triodes with the 254 part number. I am assuming that this is very similar to the HK254 made by Heinz & Kaufman.

From the older ARRL handbooks I have data on the HK254. I would like to find an actual data sheet on the Vacuum tube products 254, or at least, a data sheet on the HK254 triode. Anyone have any leads? Does anyone have a good HK254 to sell or trade?

Chip, NW00

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: bdhall@ghg.net (Benjamin D. Hall)  
Subject: another BA webpage coming on-line shortly, info?  
Message-ID: <331B8DA1.2D3E@GHG.net>

Greetings BA dudes!

Finally got it in gear and have a webpage with a picture of my R-366 and SX-24 on it. I've gotten a lot of requests for the B-17 pictures, and as soon as they fix the scanner at work I'll be scanning them in and putting them up. (other pics waiting too)

<http://www.ghg.net/bdhall>

Secondly, I received the following from a fellow on the stationary engine list. Knowing the vast electronic expertise we've got here, I figured someone might know something. REPLY DIRECT to ME PLEASE if you

have info!!!

>Does anyone have information on a magneto charger made by  
>Joseph Weidenhoff Incorporated, Chicago, Illinois?  
>  
>The unit works from 110 VAC, has two OLD tube rectifiers  
>that appear to be mercury vapor type, and a light bulb  
>that is apparently used as a fuse.

Thanks and 73,  
Ben

--

\* Benjamin D. Hall, junque collector extraordinaire. \*  
\* Finally on the web at: <http://www.ghg.net/bdhall> \*  
\* Located in Houston, Texas. E-mail: BDHall@GHG.net \*  
"Aio, quantitas magna frumentorum est."

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Glenn Finerman <GFINER@nms.com>  
Subject: Apache on 160m  
Message-ID: <s31c080a.014@nms.com>

Listening to a 160 meter AM QSO last week reminded me of a project I've had on the "back burner" for a while now. One station mentioned he was using an Apache (sounded great, good audio strong sig). I have an Apache I would like to convert for 160m use. At one time there was a thread started on this topic and if memory serves, there were several negative comments made about the conversion ranging from losing one of the 5 freq. bands, dial markings, final tank circuit changes, etc.... Since I only plan on using the rig on 160m (I have a 32V-2 for 80 - 10m use), for me the advantages outweigh the disadvantages. I know the VFO presently outputs (before doubling) in the 160m range (not sure of the exact range, I'm waiting for a copy of the manual) so am I correct in assuming one could bypass the doubler stage and make some changes in the final tank circuit to get this rig on 160?? Could that be all that's needed? Maybe a look at the DX-100 schematic would provide some useful ideas?

Comments please??

73.....Glenn N2BJG gfiner@nms.com

WANTED = Collins S-Line Transmitters and Receivers

TV-7 Tube tester, Tram Titan II

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Engbert Oord <engbert.oord@jet.uk>  
Subject: Bathtub capacitors reliability  
Message-ID: <9703041418.AA21364@jet.uk>

Dear fellow BAers

Yesterday evening I was listening to my trusty AR88D while working on an Eddystone 770R, when suddenly everything became very quiet and the program I was listening to was substituted by an awful burning smell.

Something went wrong in the AR88D. I have never removed the bottomcover from this one as it worked satisfactorily from the day I acquired it. So tonight was the moment. After removal of the bottomcover it became clear that no hands had ever touched the insides. All the bathtub multiple bypass caps are still in place. As I could not spot anything obviously burned and it was nearing bedtime, I let it rest there.

However it is not unlikely that one of these caps has expired or perhaps one of the micamolds.

My idea is, since I am at it, to replace all the bathtub bypass caps. Has anybody experience with these caps wrt reliability ?

I noticed that on quite a few of the bathtub caps some or all the rubber isolation surrounds of the connection pins are quite gooey and quite red, where as the good oones are solid and of a darker colour red. Could this be a chemical process of deteriorating rubber or is this more likely the result of overheating or a plain oil leak.

Anybody ever attempted to open them up and put modern caps inside or is this not worth the trouble ?

Greetings

As this message was sent on a day we had some trouble with our network and the original message was not reflected to me I assume it has not gone out. Just in case it did and I was the only one not to receive it, I apologize for the use of the bandwidth.

-----  
Engbert Oord , G7THB  
JET Joint European Torus, Culham ,UK  
Email : eo@jet.uk or engbert.oord@jet.uk  
-----

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: Larry Godek <AZCOT@gnn.com>  
Subject: books, CQ, 73, HR  
Message-ID: <199703040209.VAA29632@mail-e2b.gnn.com>

I think I found the bottom of the box with CQ, HR and 73 Mag's in it. Heres what I have and after this it goes to wreck.radio.etc

CQ: 1974 complete \$15  
August 1972  
October 1972  
May 1973  
November 1973  
December 1973  
January 1975  
May 1975 2 copies

73: August 1963  
February 1967  
October 1969  
November 1969  
December 1969

Ham Radio:  
July 1968  
August 1968  
September 1968  
October 1968  
April 1969  
July 1969

Those above are all the small 6 X 9 format.

Those below are the large 8 X 11 format. All are in good shape, not water logged or marked as such etc.

CQ: 1988 all except for August  
1987 August only

73: 1979 Complete  
1984-January, April, August and October  
1985-June, July and August  
1987-April and May  
1988-July, August and September

Ham Radio  
1986 Complete

Additional books are:

Modern Dictionary of Electronics. About 1.5 inches thick and excellent shape \$8

Single copies are \$2 ea plus \$2 shipping. I won't break a year up for individual copies. Full years are \$15 plus shipping.

Larry Godek W00GH  
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TA0, KN6TUP

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: "Ray L. Mote" <rmote@rain.org>  
Subject: Re: CRM-46152 help needed  
Message-ID: <Pine.SUN.3.95.970303170834.6246C-100000@coyote.rain.org>

1. Could that be "CRM-46153"? (My list shows 46152 as an ARA shock mount, while 46153 is the DAE or DAE-1 DF receiver.)
2. If it's the DAE, abandon hope! The 14-inch loop with solid silver slip rings is either impossible to find, or costs a mint. (Example: DAE complete set \$350, loop only \$300 at Compass Electronics. That's why I stripped a new-looking unit.) The loop *is* the tank circuit in the grid of the first RF amplifier! There's also a sense antenna input connector (old Millen HV jack) on the side of the receiver, but if you attach a wire or whip there, be prepared for tons of 60Hz hum. Alternative solution was to connect *after* the RF amp & be satisfied with local stations. IF bandwidth is rather tight also, so not much good for local BC stations. Check with ole "Snaproll Stan" -- he's also got one of those babies; don't know if he ever found a loop for it, though.
3. DAE loops are right next to odd socks and tiny hardware in the

Black Hole. :^)

73.....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Ho4bart@aol.com  
Subject: Re: CRM-46152 help needed  
Message-ID: <970304105137\_-1238942290@emout08.mail.aol.com>

In a message dated 97-03-03 20:18:49 EST, rmote@rain.org (Ray L. Mote) writes:

<< The loop *\*is\** the tank circuit in the grid of the first RF amplifier! There's also a sense antenna input connector (old Millen HV jack) on the side of the receiver, but if you attach a wire or whip there, be prepared for tons of 60Hz hum. Alternative solution was to connect *\*after\** the RF amp & be satisfied with local stations. IF bandwidth is rather tight also, so not much good for local BC stations. >>

if it hums with just the sense antenna connected, the grid must be floating at hi impedance to ground and he'll have to substitute some kind of coil for the original loop. this could be either a new built loop or just an inductance like on a torroid and then just use the sense antenna. this hum puzzles me tho, my friend John Nelson had one playing in his garage, no loop, no hum. and i don't think it was modified, at least not by him, altho not 100% sure. as for selectivity, i guess i wasn't lissening for music quality, altho it didn't seem so bad, not like an ARC-5 with 70 kc/s IFs or some such. one thing i really liked particularly was the nice large lited tuning scale with its orange glow. overall, a quite likeable radio, in my estimation. hue miller

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Ho4bart@aol.com  
Subject: Re: CRM-46152 help needed  
Message-ID: <970304114340\_1216127323@emout11.mail.aol.com>

In a message dated 97-03-03 15:26:23 EST, broehrig@admin.aurora.edu (Bob Roehrig) writes:

<<  
What was this receiver originally intended for? Certainly not for DF without any kind of AGC, S-meter, or detector output.

>>

someone must have considerately removed the military nameplate for you. sure sounds like the DAE; and the first letter of its name tells you its occupation. hue miller

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Brien Pepperdine <pepperb@gov.on.ca>  
Subject: Current address/phone for Miltronix?  
Message-ID: <Pine.OSF.3.93.970304101535.26833A-100000@govonca2.gov.on.ca>

Would someone please send me the current info on accessing Miltronix? There has been no joy in fixing a 390A RF deck up here, and my friend would like to investigate perhaps either getting a rebuilt RF deck or having the bad RF deck fixed or trade/swap in part for working RF deck using the one currently not working as the trade.

Thanks.

Brien  
pepperb@gov.on.ca

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: "Larry Bearse" <lbearse@mail1.nai.net>  
Subject: CV-657A SSB adapter.  
Message-ID: <199703041109.GAA13266@mail1.nai.net>

Has anyone heard of a military SSB adapter of this part number? Just picked one up, and it supposedly does not function well. The tag says it is made by TMC and is "For General Radio Use". Does it work at 455Khz? any schematics floating around out there in Boatanchor Land?

Thanks.....Larry, WA1LGQ

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: "David L. Thompson" <thompson@mindspring.com>  
Subject: Re: CV-657A SSB adapter.  
Message-ID: <1.5.4.16.19970304124332.336fbc86@pop.mindspring.com>

At 11:09 AM 3/4/97 GMT, you wrote:

>

> Has anyone heard of a military SSB adapter of this part number? Just

>picked one up, and it supposedly does not function well. The tag says it is  
>made by TMC and is "For General Radio Use". Does it work at 455Khz? any  
>schematics floating around out there in Boatanchor Land?  
> Thanks.....Larry, WA1LGQ  
>

Larry,

This is the TMC sideband adaptor with the military/govt number. Several of the vintage manual people have manuals. There were two commercial/ham model numbers like GPS-1 and MSR-3. Most matched the TMC GPR-90. Several of the BA members have them up and working.

Dave K4JRB

>

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: dr.electron@juno.com  
Subject: RE: EV - 664 et al  
Message-ID: <19970303.211115.10214.3.dr.electron@juno.com>

Greetings;  
EV offers full support, including repair and upgrading to the  
XLR type connector, etc.  
Regards, Rich P

# # #

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: "Jim Evans:RSE:PK3-1/N85:dtm 223-6277:(508)493-6277 04-Mar-1997 0914"  
<j\_evans@proxy.ENABLE.dec.com>  
Subject: for sale: 73 magazines  
Message-ID: <9703041419.AA03655@us4rnc.pko.dec.com>

73 Magazines for sale. See Wayne Green when he had hair...

All mags \$1 each plus shipping, except for the surplus issues at \$2 plus shipping. Or all for \$15 + shipping

Jun '63 Surplus issue  
Jun '65 Surplus issue

1963 Jul, Nov



1965 May, Oct  
1966 Jan, Feb, Aug  
1968 Jan, Jul, Sep, Oct, Nov  
1971 Jan, Jun, Jul, Aug

Jim N1HTS  
j\_evans@proxy.enet.dec.com

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: "Rob Frans" <fransr@iserv.net>  
Subject: FOUND!! RG-62/U Coax for SB-301/401 THANKS!  
Message-ID: <199703041107.GAA09358@mail.iserv.net>

THANKS to all of you who responded!  
What a GREAT group of people!

Rob  
KC8BAP

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: Don Reaves <dr@cei.net>  
Subject: Free RG-62A/U  
Message-ID: <Pine.LNX.3.91.970304003812.21202A-1000000@kc5jh.reaves.net>

Some of you have been asking about RG-62 coax.

Today, while cleaning out some junk at the office, I stumbled across a 100ft roll of RG-62A/U, Belden 9269. I now remember buying this just to get a 15 foot piece for an odd Data General computer installation in Jax, FL. That makes it about 4 years old. It still looks new. From the label, 93 ohm, 22AWG solid copper covered steel. .026" solid PE dielectric, bare copper braid shield with 95% coverage. .24 O.D. Use: External interconnect or internal wiring. Not recommended for repeated flexing.

Mouser lists this coax at \$22 for a hundred foot roll.

If you need a few feet of this stuff for a boatanchor, just drop me an email, be sure to include your postal mailing address and I'll send it to you gratis.

Rules of Ware may apply. Supplies limited. Void where prohibited.

---  
Don Reaves WA5BBS dr@cei.net

46 Arbor Oaks Drive  
N. Little Rock, AR 72120

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: John Hurst <hurstjsj@gte.net>  
Subject: FS Heath SB313, \$150  
Message-ID: <331BABE4.26FE@gte.net>

I know, I know its full of silicon BUT its a pretty rare Heathkit. It is the SWL version of the SB303. It receives fine but has an S meter circuit problem (meter is ok). In VG cosmetic condx. has AM, SSB, and CW filters. Covers 500 kHz. bands starting at 3.5, 5.7, 7.0, 9.5, 11.5, 14, 15, 17.5, 21.3 MHz. Thanks, John, KU6X

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Ho4bart@aol.com  
Subject: Re: FS: Gonset G-76  
Message-ID: <970304112654\_1549446861@emout20.mail.aol.com>

In a message dated 97-03-03 00:47:46 EST, w7fg@w7fg.com (w7fg) writes:

<< For those that are not familiar with the G-76, the one I did restore puts out about 70 Watts with 100% AM modulation, receiver and Transmitter have very fine audio.  
>>

while this set is in our scan, i would like to ask a couple questions re the G-76. if the list has already seen this topic, kindly just ignore me.

1) what about the massive heat generated in this relatively small box by all those bulbs? did you find it a problem, or livable, or solvable some way?

2) what about the tuning speed ( kcs per tuning knob revolution ). what did you think about it? poor, livable, okay? i think QST's review mentioned this negative, and i believe gonsets only 'solution' was to widen the IF response!

tnx, hue miller

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Ho4bart@aol.com  
Subject: FT: Japanese telegraph training device, CP0

Message-ID: <970304122415\_1780065409@emout17.mail.aol.com>

when i drive back 'home' this summer, a couple items i should drag out and offer (first) for trade, hoping again to do some trade toward ww2 axis radio gear. ( why so early announcing? 1. lest i forget and 2. to give anyone time to think abt it and maybe put together something. no need to email me right away etc., nothing's happening real soon. )

1- cw 'player' with windup clock mechanism to power it, has also 2 tubes inside, type 12 ?? set abt 10 in. cube, wood. has one chromed punched disk abt 5 ins. dia. i actually "translated" the japanese-code characters thereon & it appears to be random characters. exc condx. looks pretty darn neat when the disk spins and you can hear the reading arm clicking out morse (katakana ? )

2- code practice osc, about same size has 3 ? tubes in it for ac power i believe, 100vac. 2 knobs to front.

look like prewar. have nameplates but info not on hand. these were obviously built before it dawned on electronics manufacturers that it would be only few years before their product would be obsolete or uninteresting, so they may as well build it out of thin plastic with no replaceable components. thanks, hue miller

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: hagelin@magi.com (Richard Brisson)  
Subject: FYI List  
Message-ID: <199703041235.HAA15693@infoweb.magi.com>

BoatAnchorites -

I discussed this as a postscript to the Eimac message I sent a few days ago. I just want to ensure that everyone is aware of this FYI list. When I search for the things which interest me, I inevitably come across some that may have great potential to interest in turn a good many of you. Since it is very little effort to inventory such places/sites, I have decided to send the info to anyone who wants to receive it. It is no secret that some of us want to keep BoatAnchors as technical as possible while enjoying limited marketplace activity. I wish to respect that.

It seems that there are obscure places such as eBay and other sites which offer BA related items (e.g. radios, test equipment, vintage books, tubes, mics, telegraph keys/bugs, etc). So, if anyone is interested in any

notification of such "BA-items" as I come across them (I don't bother with USENET posts such as in rec.radio.swap and others), send me your email address and I will let you know via \*direct email\* as this will minimize "clutter" on BoatAnchors.

There is no financial benefit in this for me. I simply want to share the knowledge of what's out there (this is sometimes called "accidental data-mining"). What's in it for me is typified by the warm thanks I got from one of the recipients to whom I sent a first list (last Sunday morning) ...

73, Richard.

P.S. Thanks to Mike Kelly from the list for a contact on the TM11-485. The manual (quality repro) is on its way. Now if anyone has any leads for TM11-484, the email is hagelin@magi.com <smile>!

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: John <johnmb@mindspring.com>  
Subject: Re: Gonset G-76  
Message-ID: <199703041655.LAA222130@mule0.mindspring.com>

I used one as a Novice...VERY heavily, and never had heat problems... it was a bit driftly, however...., but it worked flawlessly for the time I had it... it WAS a densepack radio!!

Tuning speed was very fast.... too fast....compounding this, was the fact that this was really not a transceiver, but a transmitter and receiver in the same box...the transmit VFO was very fast tuning too!

Neat little radio!.... the whole cabinet was perforated metal though, to get rid of the heat. The machined aluminum knobs were nice... but too tiny for long term comfortable use. I do believe that this was designed to be a mobile rig, so perhaps that was a design tradeoff.

/John  
wb5oau

At 04:28 PM 3/4/97 GMT, you wrote:

>In a message dated 97-03-03 00:47:46 EST, w7fg@w7fg.com (w7fg) writes:  
>

>1) what about the massive heat generated in this relatively small box  
>by all those bulbs? did you find it a problem, or livable, or solvable  
>some way?

>

>2) what about the tuning speed ( kcs per tuning knob revolution ).  
>what did you think about it? poor, livable, okay? i think QST's  
>review mentioned this negative, and i believe gonsets only  
>'solution' was to widen the IF response!

>

> tnx, hue miller

>

+-----  
| John Brewer- WB50AU/4  
| AMI #24 Vintage Radio Website  
| <http://www.mindspring.com/~johnmb/>  
+-----

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: John Hurst <hurstjsj@gte.net>  
Subject: Heath SB313 is SOLD  
Message-ID: <331C2A89.E40@gte.net>

Thanks for the QUICK response!

John Hurst wrote:

>

> I know, I know its full of silicon BUT its a pretty rare Heathkit. It is  
> the SWL version of the SB303. It receives fine but has an S meter  
> circuit problem (meter is ok). In VG cosmetic condx. has AM, SSB, and  
> CW filters. Covers 500 kHz. bands starting at 3.5, 5.7, 7.0, 9.5, 11.5,  
> 14, 15, 17.5, 21.3 MHz. Thanks, John, KU6X

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: dfrancis@access.usa.net (Dexter Francis)  
Subject: Help w/ID of Mil Items  
Message-ID: <v01520d07af420594908e@[207.0.57.74]>

Greetings all-

I recently stumbled onto several Military BA items and would like to figure out what they're used in:

U.S. Army Signal Corps Crystal Unit DC-8-C - 6200 KC - Mfg by GE for  
Western Electric  
(This is a octal base unit - about the size of your typical metal body 7XX

series tube.)

U.S. Army Signal Corps Crystal Unit DC-8-K - 4600 KC - Mfg by Western Electric  
(Larger than it's older brother above, still octal base, but 1.3" diameter  
aluminum can/cover.)

Signal Corps, U.S. Army Crystal Unit DC-11-A, FREQ. 8310.000, Made By Bendix  
(Phenolic block 1.5 x 1.7 x .7, w/two 1/8" pins on 3/4" centers.)

RU-16 Coil set, Range K (New in the original packing)

RU-16 Coil set, Range H (New in the original packing)

GF-11 Coil Set (6000-7350 KC) for CW-52063A Transmitter, new, no packing.

AT-27/GR Antenna - 1.2 to 2.0 Mc. (100"+ telescopic whip, w/shielded  
vertical loop @ base.)

The RU-16 coil sets are for an airborne radio of some sort.

If anyone knows anything about these items, please drop me a note.

tnx

-df

\* CWest Tube Sales - P.O. Box 22443 SLC, UT 84122 \*  
\* (801) 363-TUBE voice/fax, E-mail: tubes@usa.net \*  
\* [http://www.usa.net/~dfrancis/CWest\\_Tube\\_Sales.html](http://www.usa.net/~dfrancis/CWest_Tube_Sales.html) \*

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: eb5agv@ctv.es  
Subject: HP-200CD help  
Message-ID: <1.5.4.16.19970304130229.22af0018@192.168.0.1>

Hi BA group!

Well, as I need a good generator to check my SP-600 and, incidentally, I got  
one HP-200CD last week, I have some questions to put this beast in working  
condition and continue my work with the SP-600 (I have two good \_tubed\_  
Philips generators, but I want to play with the HP also, hi!).

This unit is dated 1954 in several labels (S/N about 3400, I have not it  
here). Front panel was dirty, but has cleaned very well. The internals were  
dirty, but the aluminium is in very good condition and has cleaned

perfectly. The unit doesn't show signs of tweaking or modifying. It appears all original.

By the way, I have one HP alignment document which covers that model (exactly, from S/N 904 to 22550). It is only 5 or 6 pages long, but very interesting and detailed IMHO (let me know if there is interest in getting a copy). I have also a (partial?) copy of the manual for newer units.

Well, there are three electrolytics here, two of them with metal can and another one with 'paper' can. All are 'SPAGUE' brand and 'long life' (I guess that 43 years is too 'long life', hi!). The 'paper' one has developed some dirty liquid around it. Unfortunately, the chassis has not been corroded and, with patience, I have been able to clean part of it and plan to clean the rest. My question is: have you had similar experiences with this 'paper' caps?. I began working with that unit yesterday and I had no time to check the capacitor (I'll do this evening) but I suspect I have here a bad one...

I'm cleaning and lubing the gears. By the way, the small one which is on the main shaft, is a bit damaged (any spare around?). Also, the main metal piece which supports all the three shafts, is broken in the bottom part, so the small tuning knob is loosen now. I plan to restore this piece (with some strong adhesive; any hint?) or, if I'm lucky and find a parts unit, I will change it.

So, please, let me know your HP-200CD restoring stories and, if someone has a parts unit, tell me. I need the metal support piece I talked about, the small gear, the lytics and the plastic dial indicator, which is missing.

Thanks and best regards.

JOSE

-----  
73 JOSE V. GAVILA (EB5AGV / EC5AAU)  
46910 Benetusser - Valencia (IM99TK)  
SPAIN

\*\*\* PLEASE, VISIT MY HOME PAGE AT : \*\*\*  
<http://www.geocities.com/SiliconValley/6992>  
e-mail: eb5agv@ctv.es & eb5agv@amsat.org  
-----

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: JONWEINER@aol.com  
Subject: RE: HRO-60  
Message-ID: <970303200456\_1612700247@emout07.mail.aol.com>

I have a National HRO-60 related question. When in the double conversion mode, the first IF is 1990 Kcs. The alignment instructions say to set the signal generator at 2010 Kcs and align at that frequency. Why the 20Kc difference? Jon, K1VVC

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: Al Klase <skywaves@bw.webex.net>  
Subject: Re: HRO-60  
Message-ID: <331BA508.FBB@webex.net>

JONWEINER@aol.com wrote:

>

> I have a National HRO-60 related question. When in the double conversion  
> mode, the first IF is 1990 Kcs. The alignment instructions say to set the  
> signal generator at 2010 Kcs and align at that frequency. Why the 20Kc  
> difference? Jon, K1VVC

Jon and the group,

Both my Sam's Photofact and Moore's book say the 1st IF is 2010 Kc.

--

Al Klase - N3FRQ  
skywaves@webex.net  
Flemington, NJ

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: anders@autopsy.corp.sgi.com (Greg Anders)  
Subject: HRO-7 Play in Tuning mechanism  
Message-ID: <9703031724.ZM823@autopsy.corp.sgi.com>

I have the above receiver and noticed some play or "slop" in the main tuning mechanism. When tuning around a carrier the signal zero beats with a two division difference when approached from one side vs. the other. I opened up the cover on the large gear assembly and see the spring loaded gear actually move slightly away from the other gear when I turn the knob in one direction. THis may account for the play in the tuning but I'm not sure. Has anyone on the list

- a. Seen this problem?
- b. Aligned the gear train to eliminate play?

Any insight provided will be much appreciated...



THanks,

--

Greg Anders

"One doesn't discover new lands without consenting to lose  
sight of the shore for a very long time."

Andre Gide  
French Novelist

anders@autopsy.corp.sgi.com  
KG6YV

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: "Mark Glusker" <glusk@mechcad3.engr.sgi.com>  
Subject: Re: HRO-7 Play in Tuning mechanism  
Message-ID: <9703040702.ZM7929@mechcad3.engr.sgi.com>

Greg writes:

> I have the above receiver and noticed some play or "slop" in the  
> main tuning mechanism. When tuning around a carrier the signal  
> zero beats with a two division difference when approached from  
> one side vs. the other.

I have seen this several times before with Nationals that use the HRO-type  
dial. In all cases, it was due to wear between the plate with all the  
dial numbers on it and the bushing that is mounted to the front panel.

This interface appears to be aluminum-on-aluminum, and will gall badly if  
the lubricant dries up.

--

Mark Glusker, glusk@sgi.com

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: Eugene Rippen <soundval@foothill.net>  
Subject: HX-50 ?????  
Message-ID: <331B7EB2.6C6@foothill.net>

I had a Hammarlund HX-50 awhile back, and I sold it. Never got to play with it. Now, I have aquired another one, and I am giving consideration to maybe keeping it. Thus the following questions:

How well does the SSB work?

Is there enough power on AM 160 and 80 to be practical?

Is there enough power to drive my FT2100B, if more power is needed?

Is there enough power to drive my LB4, if more power is needed?

How tough are they? Tempermental?

In general, is it a keeper, from a practical standpoint?

I think this one is of collector quality, but I'm having some space problems with things I'm in love with.

Gene

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: Tom Norris <badger@telalink.net>  
Subject: Re: I-177B = TV7\_/U ?????  
Message-ID: <3.0.1.32.19970303185041.006972fc@telalink.net>

wallace@world.std.com (Andy Wallace) sez....

The original poster asked about the TV-7 vs the I-177....

>I would say "no." The TV-7 is a much newer unit, but more importantly,  
>it tests newer tubes. For example, I am pretty sure the I-177 does not  
>test 7 and 9 pin minis without the external adapter box (which Fair  
>Radio used to sell). (I have a 177 and would like one!)

That is the main difference. More importantly, even if the box is available, the tube data is still much older. The TV-7 data book was updated thru the mid 60's. (PAM 25-30 lists last update as 2Jun66) I forget, but think the last update to the I-177 data was early 50's. (anyone know?)

>However, it would be proper to say that the I-177 is the granddaddy of  
>the TV-7 and is a high-quality tester. It also has a meter directly  
>calibrated in MicroMhos, UNLIKE THE TV-7 or TV-2.

I have often wondered how accurate that meter was for measuring true transconductance. I have used both the I-177 and various TV-7's and had good luck with both as far as general operation goes. Now to delve further into a tubes characteristics would require a TV-2, but to me it seemed like too much trouble....

As far as asking \$75 -- I have seen them offer by folks that seem to scalp every other item they sell for as little as \$25 w/o the adapter kit. Might be worth a bit more with the kit.

-----

Please visit The Mil List for info on military communications gear:  
[HTTP://telalink.net/~badger/millist/index.html](http://telalink.net/~badger/millist/index.html)

\* over 6000 hits since October 96\*

ANY and ALL Contributions Welcome.

\*\*\*\*\*

Tom Norris KA4RKT

badger@telalink.net                      Nashville, Tennessee, USA

thermionic@techie.com

-----

\*\*\*\*\*

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997

From: Karan Lee Carruth <klccarru@tenet.edu>

Subject: Re: I-177B = TV7\_/U ?????

Message-ID: <Pine.OSF.3.91.970303201358.29577B-100000@francis.tenet.edu>

On Mon, 3 Mar 1997, Eugene Rippen wrote:

> Is an I-177B for all practical purposes the same as the TV7\_/U series  
> tube checkers?

The circuits are very similar - even using the same two tubes but the sockets and switching is much different.

In other words, is it physically accurate to advertise  
> my I-177B as "almost the same as the TV7\_/U tube checkers".

No! The TV-7 is a later design which includes tube sockets for newer tubes as well as data for the newer tubes. The element switching

circuits in the TV-7 are more flexible than the I-177

However, as far as checking the same tubes - they probably are "almost identical."

Best regards,

Lenox

-----  
Lenox Carruth, WA50VG  
Dallas, Texas  
klccarru@tenet.edu  
-----

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Surplus Al <surplsal@tl.infi.net>  
Subject: Info needed  
Message-ID: <331C314D.2EFB@tl.infi.net>

Always enjoy the posts on BA net. Question, is there another Part of the BA net for selling? My lists of information on mil tech manuasls is ready, just send me your QTH. A very big THANK YOU to all who responded to my last post. 73's AL W3UGD

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Jerry Proc <jproc@bellglobal.com>  
Subject: RE: info on military gear  
Message-ID: <01BC289D.81822DA0@finlay.bellglobal.com>

Dear BA'ers,

I received this message from Cliff Blakey and I don't know the answers. Can anyone assist? Please reply to: cblakey@cyberlink.bc.ca. No need to cc me.

Thanks,  
Jerry Proc  
E-mail:jproc@bellglobal.com

\*\*\*\*\*

-----

From: Cliff Blakey[SMTP:cblakey@cyberlink.bc.ca]  
Sent: Tuesday, March 04, 1997 4:13 AM  
Subject: info on military gear

Hi Jerry;

Just had a note from Jeff Wewers about two military radios. My expertise, unfortunately very shallow in this area. I was wondering if you could help this gentleman out and get back to him. If you haven't the time, it is understandable. A copy of his note to me is below:

Subject: Military Radios

I recently purchased two military radios. The first is an Army Signal Corp. BC 654A, built by Crosley , cabinet stampet Feb 44. It is a large receiver/transmitter, weighs 50 pounds. The second set is a Navy model CRI 43044 receiver/transmitter, built by Colonial. This set is somewhat smaller. Both sets in VG condition - appear to be complete. I would be interested in hearing from you regarding these sets - what sort of power supply do they use, how were they used, what they are worth, etc. I would consider selling them as well. Thanks, Jeff Wewers. I can be reached at wewers@erols.com

Thanking you in advance,  
Sincerely,  
Cliff, VE7WWC

Western Wireless Company:  
112C Van Horne St., "5th Ave. Plaza"  
(Box 398 Cranbrook, B.C. V1C 4H9 Canada)  
Tel/Fax 250-489-5874  
Cliff Blakey  
VE7WWC  
cblakey@cyberlink.bc.ca  
Please visit our "Antique Radio Store"  
at:  
<http://www.cyberlink.bc.ca/~cblakey/>  
Preserving Yesterday's Wireless Heritage.

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Emile\_Imberman@3mail.3com.com  
Subject: Invader 2000 info

Message-ID: <88256450.006594CE.00@hqoutbound.ops.3com.com>

Hi,

I would like to communicate with anyone who owns a Johnon Invader 2000. I have one that has been slightly modified and would like to get it back in shape. Some questions will come up and would appreciate the contact for those, etc.

Thanks... Emile

Emile\_Imberman@3mail.3com.com

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997

From: Dave Kelley <aa7tq@primenet.com>

Subject: KWM-2 problems - please help if you can

Message-ID: <01BC2817.D9BA5F00@WEB1>

Hi gang...

I hope someone can help me solve a problem I'm having. I know it's hard = to do over the net, but here is the scoop. This is a KWM-2 with AC = power supply.

Problem: It draws about 150 mils when I key the mic. The bias control = on the power supply is up all the way (or down if you think of negative = numbers as down). If I reduce the bias at all the draw increases....all = the way up to about 400 mils blowing the fuse. The bias measures about = -70 volts and should be around -40 volts but when I turn it down, or = closer to -40, the draw increases to about 400 mils on the plate. I'd = think it would work the other way around.

It tunes okay in all the tune modes - tune and lock.

The 275 volt supply seems to be more like 400 volts for some reason.

There are resistance measurements in the book and I checked the driver = (6DC6) and 6146 tubes. The pins all check okay except pins 2 and 9 on = the driver...should be 15K and they are 34K. These are grid pins I = think. And on the 6146 pins 3 and 5 should be 7.8k and 27k and they are = 15.4k and 45k. These are grids also.

I guess I'm pretty lost. Everything LOOKS good as far as the parts and =

connections. Neutralization doesn't seem to help.

If anyone has some thoughts on this I'd sure check it out on this end. =  
It just outha' work...

Thanks

and 73

Dave  
AI7R

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: vancleef@netcom.com (Henry van Cleef)  
Subject: Re: KWM-2 problems - please help if you can  
Message-ID: <199703040645.XAA28725@netcom5.netcom.com>

While I'm not familiar with the KWM-2, some of your discussion sounds like generic problems.

6146 are rather vicious with screen voltage and g2-g1 mu. You absolutely want to keep the screen voltage down in the 175-200 volt region, no matter what you put on the plate. Your resistance measurements show about twice the expected resistance at the screen pins, and I suspect you've got a box full of out-of-tolerance resistors.

If you use an ohmmeter to check these out, calibrate your ohmmeter with some new resistors. Comparison testing is the best method.

With 6146, keep in mind that screen current varies between microamp values (500-1200) zero-signal and around 20 ma. at full tilt. If running class C, this will average down around 7-8 ma. The screen source wants to be fairly low impedance, both DC and AC.

On your power supply, if it is a choke input filter type, it wants a fairly hefty bleeder current to pull it into regulation. Typical value needed is around 50 ma. with a 10 hy choke and 400 volts out of the rectifier. If your bleeders are open, or have gone high value, you are not going to get good regulation without power draw.

807 and 50L6-family (25/35/50L6, 6W6) all have the need to keep the screen voltage down, compared to 6L6 and 6V6 (and the popular pentodes). Most folks aren't aware of this characteristic with 50L6 because they were most commonly used with 110 volts B+, but if you run

them with higher plate voltage, you still need to keep the screen near 110 volts.

--

=====  
Hank van Cleef  
E-mail vancleef@netcom.com or vancleef@tmn.com  
=====

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: rsolomon@tsd.textron.com  
Subject: National HRO for sale  
Message-ID: <9702038574.AA857433911@cctds.tsd.textron.com>

A local chap has this radio for sale, I have not seen it, just listing it for him. Contact him, not me.

NATIONAL HRO 1935 edition, with 14-20 MHz coil. No speaker or power supply. Needs work, IF thru Audio works, RF to IF not working. Asking \$75. Call Al, WA1RWB at 508-325-7122

73, Dick, W1KSZ

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: Robert Nickels <ranickel@mwci.net>  
Subject: NCX-3 manual  
Message-ID: <331B95F8.59CA@mwci.net>

Hi All,

Just realized that I'm missing page 13 from my NCX-3 manual, can anyone shoot me a copy?

Thanks and 73,

Bob W9RAN  
ranickel@mwci.net

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: Spencer Petri <spetri@e-tex.com>  
Subject: Need Rack Panel Handles!  
Message-ID: <m0w1jQx-00009IC@e-tex.com>



Hello Goodie Hoarders,

Looking for two pairs of rack panel handles to fit 12" panels. Anyone got'em and want to get rid of'em, sell or trade?

73 de Pete WA5JCI

\*\*\*\*\*  
EM-21--6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC/618 Grids  
\*\*\*\*\*

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: hdmeitzen@champion.aclic.com (HD Meitzen)  
Subject: Need help Philadelphia, Penn. from a BA  
Message-ID: <9703041710.1E4C84@champion-0845.aclic.com>

In the HamTrader Yellow sheets there is a Ad for new in a box NCX1000 transceivers, NCL2000, etc. The mfg date on this stuff is around 1969. I called the guy and he asks to take my number and call back so I guess he is on the phone and give it to him. He called back a few minutes later. I ask about the NCX1000 and say "it's unusual to call something like this new". In the few minutes I talk to him it is obvious he doesn't know much about the equipment. He also tells me that he has 3 NIB Collins KWM2's for \$1250. He says the NCX1000's have been sold but he still has the Collins and one NCL2000. So I say I'll take the NEW NCL2000 for \$795 (to good to be true) I get his name and address- It is a PO BOX. I ask for and get his real address. The conversation is so weird that-- I want someone to check him out if possible. If he is not legitimate we need to notify the police because he has a quick hit scam going. If there is anyone out there willing to take this on the info follows.

His Name/add.  
Craig Logan  
PO Box 7506  
Phil., Penn. 19101  
PH. 215-848-6915  
6361 Ross St.  
Phil., Penn. 19144

My Name  
Dave Meitzen  
Glen Ellyn, Il.  
Phone Day 800-323-3529 ext 8131

If he is legitimate the Collins are a good deal.

Thanks

Dave AA9TT

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997

From: Mike Toneri <toneri@ils.net>

Subject: Re: Need help with Valiant II

Message-ID: <199703040354.WAA20920@server1.ils.net>

At 12:09 AM 3/4/97 GMT, Stanley Siegel wrote:

>I have been trying to get a Valiant II (sold to me as perfect; ho ho ho) to  
>function, and I have a problem or two. Any help would be appreciated.

>

>The transmitter loads up perfectly on 80 (putting out about 160 watts)  
>and 10 (same). On 20, it loads strangely and with heavy harmonic  
>content -- output only 65 watts. No resonance on 40 or 15.

>

>I did reneutralize the finals, using 10 meters.

>

>The Valiant II has a somewhat different PI network configuration than the  
>original Valiant: it uses 2500 v. micas with somewhat different values.  
>Somebody replaced C39 (spec 330 pf) with 420 pf. I changed that out  
>for something closer (360 pf). Also C38 read at 220 pf, and I put a  
>replacement mica at 170 pf (closer to the 150 spec). Finally, C107 had  
>changed from rated value (1200 pf. to 750 pf.): that I replaced with the  
>correct value exactly.

>

>Looks like no other changes in the radio, except that one of the HV  
>rectifier sockets was replaced with a ceramic.

>

>I have full drive on all bands (although 20 requires pushing the drive way  
>up to near the top). Tubes test out fine, but I suspect the 6146's and will  
>try swapping them out.

>

>The Valiant manual isn't very helpful. Any hints from someone who has  
>had similar problems will be very gratefully received.

>

>Many thanks, and 73, Stan W2ST

>

I too have a Valiant 2 with some unusual problems but not the same as yours. Since you have problems on 40 - 15 metres, check the VFO and make sure it is on frequency. You may just be transmitting way outside the ham bands. Also I have heard that the switch contacts on the coarse loading switch have to be very clean and make good, solid contact or else loading and tuning problems can result.

Let me know how you make out with the rig.  
73...Mike VE3FGU

\*\*\*\*\*  
Mike & Lynda Toneri     E-mail:   toneri@ils.net  
\*\*\*\*\*

From boatanchors@sco.theporch.com   Tue Mar   4 01:44:33 1997  
From: vancleef@netcom.com (Henry van Cleef)  
Subject: Re: need schematic  
Message-ID: <199703040717.AAA00929@netcom5.netcom.com>

As Terry Burge discourses

>  
> Gang,  
>     Does anyone have a schematic they could copy for me of a Precision  
> Signal Generator, E-200 model number? Trying to figure out this power supply  
> circuit has got me picking out splinters. Why couldn't they lable this elect-  
> rolitic?

>  
A.G. Tannebaum has a manual.

I picked one up for \$5 under a bench at a Belton Tex. hamfest a while back, figuring I was getting an "original but derelict." Opened it up and omygawd, somebody'd been there before me and had really made a mess of things. I didn't have a manual, so just "winged it" with the thing. They're fairly simple and straightforward. Big fat 6SJ7 mounted on the back of the bandswitch, Colpitts circuit. Some jerk had replaced capacitors by snipping the old leads and pasting new caps on there, and some of the lead ends were shorting each other. I had to pick the bandswitch clean and "do it right" to get it to work. Also, terrible things with the audio oscillator and power supply.

"Tricks" with the E-200 are:

1. The audio oscillator suppressor-modulates the RF oscillator.
2. The power supply is a back bias type which floats B- from ground through a "bias voltage" pot. The filter caps go from B+ to the power transformer center tap, and MUST be insulated from ground. If you need to replace the caps, use catridge types with insulated jackets.

I'd have to open the thing up to remember the details, but my recollection is that after I got through with the bandswitch, the frequency calibrated very closely on all bands. Also, if everything is working right, the voltage calibrations on the bias and the audio out pots are quite close. Downsides on the unit are that (like most cheap signal generators) the output circuit has almost any

impedance/admittance characteristic you might want, depending on where you set the controls, the VFO only goes up to 30 Mc. fundamental, and the modulation circuit is very lo-fi.

--

=====  
Hank van Cleef  
E-mail vancleef@netcom.com or vancleef@tmn.com  
=====

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: jkh@lexis-nexis.com (John Heck)  
Subject: Need Sixer Manual  
Message-ID: <9703041338.AA08632@beans.lexis-nexis.com>

Folks,  
If anybody out there has a Sixer manual I would sure like to have a copy. I had no problems find a Twoer manual, but \*nobody\* has a Sixer, not even the manual services like Tannenbaum or the Manual Man. Can anybody help? Of course I will pay copying costs and postage, or pay for an original.

Thank you.

Regards,  
John Heck, KC8ETS  
1009 Donson Drive  
Dayton, Ohio 45429  
(513)865-7036(work)  
jkh@lexis-nexis.com

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: aculbert@pps1-po.phyp.uiowa.edu  
Subject: QSTs FOR SALE / TRADE  
Message-ID: <199703041435.IAA21228@ns-mx.uiowa.edu>

The following QSTs are surplus and are for sale:

1931 Complete year - good condition \$25 shipped lower 48

1933 Complete year - minor moisture damage at edges on some issues, no stuck pages \$20 shipped lower 48

1934 Complete year - minor moisture damage at edges on some issues, no stuck pages \$2- shipped lower 48

1935 Missing April and Sept. - good condition \$20 shipped lower 48

1936 Complete - good condition \$25 shipped lower 48

1937 Complete - good condition \$25 shipped lower 48

1939 Missing Sept. - good condition \$20 shipped lower 48

**\*\*NOTE\*\*** Almost all issues have a stain at the approximate middle of the issue caused from the wire rod which retained them in binders.

Will trade any year set for an ORIGINAL manual for a CE Signal Slicer.

Al, KOAL

allan-culbert@uiowa.edu

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997

From: "Tom Bridgers" <Tarheel6@msn.com>

Subject: R-390A Parts

Message-ID: <UPMAIL09.199703040134500259@msn.com>

Fellow Anchorites,

Awhile back, someone on this list mentioned Dick Walser as a source of parts for the R-390A. I called him and found him and while he doesn't have whole units, he does have a lot of nuts and bolts, and odd components for the R-390A, and some modules.

He is wonderful gentleman to talk with. I'd guess he is in his mid-70's. He is the owner of Airborne Electronics, a company that refurbished R-390A's in years past and resold them to 3rd world countries. He is extremely knowledgeable about the 390A, and gladly answered all of my questions. He is also very innovative, and has made some terrific suggestions. For example, how to easily install the springs on the slug racks in the RF section. Hint: notch a welding rod, and then you can hook one end of it in the spring, and insert that end into the chassis hole.

His telephone number in California is 818-766-2747.

73's

Tom Tarheel6@msn.com

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997

From: chas@nmaa.org (Charles Kadesch)

Subject: rack panel screws  
Message-ID: <331ACCBC.6E62@nmaa.org>

Question:

Are all rack panel screws 10-32 or were some of the older racks tapped for a slightly different thread? I have an older rack here and the 10-32 screws don't seem quite right. Maybe it's just paint or crud in the threads but I don't want to strip the threads.

TNX

chas@nmaa.org

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
Subject: Re: rack panel screws  
Message-ID: <Pine.ULT.3.95.970304100808.25892A-100000@admin.aurora.edu>

On Tue, 4 Mar 1997, Charles Kadesch wrote:

> Are all rack panel screws 10-32 or were some of the older  
> racks tapped for a slightly different thread? I have an older  
> rack here and the 10-32 screws don't seem quite right. Maybe  
> it's just paint or crud in the threads but I don't want to  
> strip the threads.

I have some racks that are tapped for 10-24 threads, although I think 10-32 is more common.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Ken\_Warren@beavton.k12.or.us (Ken Warren)  
Subject: Re: rack panel screws  
Message-ID: <3686924286.140723942@beavton.k12.or.us>

I have seen racks tapped for 10-32, 10-24, and 12-24 screws.

Ken Warren K7RPX

Ken\_Warren@beavton.k12.or.us  
KenwK7RPX@worldnet.att.net

--

Beaverton School District  
Beaverton, Oregon

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: tpl.dsc@discnet.com  
Subject: Re.: rack panel screws  
Message-ID: <9703041652.AA53053@sfm.discnet.com>

I have delt with Homaco floor mount racks, and all of the holes are tapped 12-24. I have found that many chain hardware stores don't stock a 12-24, but many will special order for you. I have a local computer networking supplier that I use to get my 12-24's from. Alluminum racks strip easy.  
Tom N9DVT

=====  
Question:

Are all rack panel screws 10-32 or were some of the older racks tapped for a slightly different thread? I have an older rack here and the 10-32 screws don't seem quite right. Maybe it's just paint or crud in the threads but I don't want to strip the threads.

TNX

chas@nmaa.org

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: "Rob Frans" <fransr@iserv.net>  
Subject: RG-62/U Coax for SB-301/401...  
Message-ID: <199703040306.WAA13413@mail.iserv.net>

I am looking for the type of coax that Heath specifies to connect the 301/401 LMO/BFO's/etc. together. The manual was very specific to both the length and to use RG-62/U coax... In checking around town (Grand Rapids,MI), I have not been able to find anyone who supplies coax of that impedance... Does anyone have any idea where, or if a substitute is ok to use in connecting the two rigs?

Thanks in advance for your help!

Rob Frans  
KC8BAP  
Grand Rapids, MI

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: shep shepard <shep@northlink.com>  
Subject: Swan 500 worth?  
Message-ID: <199703041411.HAA16061@smtp.northlink.com>

Can anyone give me an approximate value for a "near mint" Swan 500 with power supply and wattmeter??  
THANKS!

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: standard@pcs.mb.ca  
Subject: SWAN Power Supply info  
Message-ID: <199703040503.AAA06530@pcs.mb.ca>

Sorry for the delay on sending you this info, but I just got home and thats where the manuals were! Make sure that the power supply that you are working on is the 117XC model, as the wiring diagrams are not all the same.

Wiring for the male Jones plug on rear of SWAN 117XC P.S.: (power input)

PIN	WIRED TO:
1	terminal 2 on long terminal strip at other end marked SW
2	to oarange of trans, & pilot light
3	to yellow of transformer if used on 230 volts (271-008)
4	terminal 1 on long terminal strip at other end marked SW
5	to brown wire of transformer
6	to green of transformer if used on 230 volts (271-008)
7	jumper to pin 8
8	to black wire of transformer
9	ground
10	jumper to pin 11
11	to black-brown wire of transformer
12	to pin 4 on long terminal strip at other end marked 12.6 AC-DC
13	jumper to pin 14
14	to black-green wire of transformer
15	to black-yellow wire of transformer

The female cord end connector pin connections are as follows when used on model 117-X power supplies.

PIN	CONNECTED TO
1	hot side of line cord fused at 6 amps (not 10 amps)
2	neutral side of line cord
3	jumper to pin 2
4	jumper to pins 5 and 6



5 jumper to pins 4 and 6  
6 jumper to pins 4 and 5  
7 jumper to pins 8 and 9  
8 jumper to pins 7 and 9  
9 jumper to pins 7 and 8  
10 not used  
11 not used  
12 jumper to pin 15  
13 not used  
14 not used  
15 jumper to pin 12

The line cords were actually available seperately, and came wired and stamped 117 volts (in ink). A 230 volt line cord was also available on special order.

I've been told that there were three 117-X power supplies sold over the years by SWAN. As the models evolved from the 350 to the 500 and then the 700, more current was required, and a larger capacity transformer was introduced, with the same part number. To tell them apart, the serial number is required, and to date I still don't know the significant numbers.....check with Stu on the SWAN net some Sunday afternoon.

73

Gary Smith VE4YH

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: Mike Toneri <toneri@ils.net>  
Subject: Re: SX-115 Questions  
Message-ID: <199703040102.UAA17885@server1.ils.net>

At 11:50 AM 3/3/97 GMT, Lawrence D. Walken wrote:

>Hi Gang:

>

>Should have played the lottery this week -- I've been VERY lucky and  
>have found an SX-115. I'm applying CPR and solder as needed but have  
>two important questions to any SX-115 owners with a minute to spare.

>

>What two (?) pins of the rear accessory octal socket are shorted for  
>normal operation and on the right rear section of the chassis sits a  
>small sub chassis with two crystals and two tubes. What are numbers of  
>those tubes?

>

>Hopefully will be some good news to report here shortly however it IS

>obvious that other hands have been here before me and sometimes that's  
>not good. We will see.

>

>Thanks in advance for all your help.

>

>73

>Larry Wolken N30JD

>(202) 291-9303

The two tubes on the sub-chassis are a 12AT7 and a 6BA6. Pins 1 and 4 on the accessory socket are used for muting during transmit. The standby/receive switch is left in the standby position if these two pins are used with an external set of SPST contacts either on an antenna relay or another switch. The SX115 is one great receiver especially when it is aligned exactly. I am curious what you paid for the receiver and what condition it is in. Mine is in almost mint condition with no mods done to it. I did have to make a new 10 meter RF coil though as the previous owner tried to use it for a transmitting antenna at one time :)

73...Mike VE3FGU

>

>

\*\*\*\*\*  
Mike & Lynda Toneri E-mail: toneri@ils.net  
\*\*\*\*\*

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: rhys@ix.netcom.com (Lawrence D. Walken)  
Subject: SX-88 -- So what's so great?  
Message-ID: <199703040514.XAA09292@dfw-ix14.ix.netcom.com>

Hi Gang --

Well a long time dream has come true. I was able to acquire an SX-88. It started with a casual conversation with a midwestern Hallicrafters trader. When I asked him if he had any other radios as nice as the SX-117 he had just sent me he said no, other than the radios he was keeping to trade for the gun. Gun I sez???!! Yeah he's been looking all over for this hundred year old Winchester carbine and can't afford what people were asking for it when he can find it but he's got three radios that he thinks he ought to be able to parlay into this gun trade somehow -- two common radios and this SX-88. Well needless to say he got my undivided attention. I couldn't pass up this casually dropped challenge.

To make a long story short, it took about five monthes but we pulled it off -- not the least aspect of which was shipping three near 100 pound boatanchors from the midwest to Washington DC.

The collector warned me that the SX-88 didn't work very well and he clearly intimated that he was afraid to plug it in any more -- a furthur challenge of course to any true anchorite but I WAS apprehensive.

All I'd ever heard about this reciever was third hand from people who'd said things like "it's ok but nothing special" and the like. Well after pulling it apart, checking it out, putting it back together, and plugging it in all I can say is: WOW!

I've been lucky enough to own several SX-115's and this is the one thing Hallicrafters did that leaves the SX-115 in dust. What a machine! It has the wonderful rich bass audio of an SX-62 (two 6V6's push-pull), the RF section of the SX-115 with BETTER filters, and nearly the mechanical ruggedness of an R-390A.

I can certainly see why they pulled it off the market at the price that it was being sold for. It is much more robust than anything I've ever seen the Hallicrafters name on. Nothing appears to be stock -- even the knobs which LOOK the same are not. They are a little heavier than the knobs on other models. The same goes for virtually every part. It has a wonderfully elaborate illuminated dial-in-use section in which it backlights the dial through a rotating circular metal mask behind the translucent plastic dials. The correct one inch wide by quarter inch high illuminated hole is moved up and down behind both the main and bandspread dial with a serpentine toothed drive belt driving a series of gears. The dials are both gear reduction flywheel driven and velvet smooth. This is definitely NOT just another S-38 with a different dial.

I'd love to know the story behind this radio's development. Does anyone have any info on how it came to be or how it came to be discontinued? It does not seem to be based on anything Hallicrafters had done before and, while some of the IF cans look familiar, very little else bears the "familiarity" that marks many of the Hallicrafters parts in various other models.

Also is my evaluation looney or have others of you fortunate enough to own this one had similar reactions to its impressive performance? Has anyone hooked their reciever up to test gear to see what it's numbers look like?

Thanks for the read... and may your paths be strewn with many wonderful

only slightly concealed boatanchor supprises in '97.

73

Larry Wolken N30JD  
(202) 291-9303

>  
>

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: arc5@ix.netcom.com  
Subject: Re: SX-88 -- So what's so great?  
Message-ID: <19973425729341@ix.netcom.com>

Larry:

Be careful when servicing the SX-88.  
It is common to forget when rolling the chassis over  
and the result is a couple of irreplaceable broken IF cans  
on the corners of the chassis.  
Read an article about this so thought I'd pass it along.

73 DE Dave AB5S

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: ALanger394@aol.com  
Subject: Thank you-:Cosmos and Surplus Sales Info  
Message-ID: <970304023359\_-2041967462@emout04.mail.aol.com>

I would like to thank the list members as follows

Herb Holeman, for the copy of the cosmos pto patent that he sent to me, it  
makes very interesting reading

Various list members who responded with Surplus Sales address

Many Thanks

Allan

G6EII

alanger394@aol.com

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Bob Reynolds <breynold@sigg.com>  
Subject: Trust on the list. -Reply  
Message-ID: <97Mar4.105608cst.19650@firewall.sigg.com>

It was said:

Hey Gang, I would like to say a few words about trust and  
dealing on this  
list'...

..And I think all on this list would do the same.

-----  
I WILL SECOND THIS

Red, K5VOL

breynold@sigg.com

From boatanchors@sco.theporch.com Tue Mar 4 12:17:35 1997  
From: Glen Galati <eldim@worldnet.att.net>  
Subject: WTB Heath DX-40 Function Switch  
Message-ID: <19970304110335.AAA6933@GLENGALA>

Hello Heathkit BA's, In need of the Function Switch of  
the Heath DX-40 for a friend. Hope someone can help locate.  
Thanks, 73 Glen KA7BOJ

From boatanchors@sco.theporch.com Tue Mar 4 01:44:33 1997  
From: "Rob Frans" <fransr@iserv.net>  
Subject: WTB: Late Model Heathkit Tube Tester  
Message-ID: <199703040300.WAA12472@mail.iserv.net>

I am looking for one of the newer Heathkit Tube Testers that tests for both  
the newer as well as older tube types. Please, excellent condition only  
with no mods...

Thanks!  
Rob Frans  
KC8BAP  
Grand Rapids, MI